



STEM Careers

Video Game Developer

Job Description: Design core features of video games. Come up with innovative game and role-play mechanics, story lines, and character biographies. Guide and collaborate with production staff to produce games.

What do Video Game Developers do?

- Create game features including storylines, role-play mechanics, and character biographies for a new video game or game franchise.
- Collaborate with artists.
- Create gameplay prototypes for presentation to creative and technical staff and management.
- Devise missions, challenges, or puzzles to be encountered during the game.
- Conduct regular design reviews throughout the game development process.
- Design supplementary game features such as currency, item catalog, menu design, and audio direction.

Your Interests:

- Do you like to play video games?
- Is it easy for you to identify the steps it will take to do or make something?
- Do you enjoy building things and seeing them operate?
- Do you like working with computers?
- Do you like working on a team?

Outlook: **Bright**

Average Salary - \$37.02 hourly, \$77,010 annual

Projected Job Openings - 72,600 over the next 10 years

Education/Program of Study:

- Bachelor's Degree in **art** or **graphic design** as well as computer skills.
- To program games you will need a Bachelor's Degree **computer science** or **computer engineering** as well as **experience writing software code**.

Sources:

O*NET Online

http://quest.arc.nasa.gov/people/cfs/generic/software_engineer_121.pdf